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| Anytime-Soils to be tested at anytime of the year | Restricted Test-Soils must be tested typically between Feb. 1 - April 30 but actual dates subject to precipitation and monitoring well info. | Do Not Test-Soils cannot be tested at anytime due to flooding. |
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*(1) These soils have a seasonally perched zone of saturation above a firm, dense subsoil or fragipan. (2) Moderately rapid or rapid permeability in substratum may present a pollution hazard to nearby water supplies. * Added in 1999 to Wet Season category.*

| SOIL SERIES | Map Unit Symbol | Map Unit Name | Soil Drainage Class | Perm. First 4FT | Overall Soil Rating |
|---------------------|------------------|--|---------------------------------|---------------------------|---------------------------|
| Aldino | AdA,AdB,AsB | Silt loam to very stony silt | Moderate | Severe | Severe |
| | AdC | | Moderate | Severe | Severe |
| Alluvial | Av | Severe Do Not Test | Severe | Variable | Severe |
| Baile | BaA, BaB | Silt loam | Severe | Severe | Severe |
| Beltsville | BeA, BeB, BeC | Silt loam | Moderate | Severe | Severe |
| Brandywine | BrC2 | Gravelly loam | Slight | Slight(2) | Moderate |
| | BrD3, BrE3 | | | | Severe |
| Chester | CcA, CcB2,CgB2 | Silt loam, Chester gravelly silt loam | Slight | Slight | Slight |
| | CcC2,CgC2 | | | | Moderate |
| | CgD2 | | | | Severe |
| Chillium* | ChB2 | Silt loam | Slight | Slight | Moderate |
| Chillium-Nesh* | CkC2 | Silt loams | Slight | Moderate | Moderate |
| Chrome* | CrE | Channery silty clay loam | Slight | Moderate | Severe |
| Codorus | Cu | Silt loam | Moderate to Severe | Slight | Severe |
| Cornus | Cv | Silt loam | Slight | Slight | Severe |
| Cut and Fill | Cx | Land | Not Rated (Too Variable) | | |
| Delanco | DcA, DcB | Silt loam | Moderate | Severe | Severe |
| Elioak | EhB2 | Silt loam | Slight | Slight | Slight |
| | EhC2 | | Slight | Slight | Moderate |
| Elkton | En | Silt loam | Severe | Severe | Severe |
| Elsinboro | EsA, EsB2, EsC2 | Loam | Slight | Slight | Slight |
| Evesboro | EvC | Loamy sand | Slight | Slight(2) | Slight to Moderate |
| Fallsington | FgaA | Loams | Severe | Slight | Severe |
| Glenelg | GcB2, GgB2 | Loam | Slight All Classification | Slight All Classification | Slight |
| | GcC2, GcC3, GgC2 | | | | ----- |
| | GgC3 | | | | Moderate |
| | GcD2, GcD3 | | | | ----- |
| | GgD2, GgD3 | | | | Severe |
| Glenville | GnA, GnB | Silt loam, somewhat poorly drained | Moderate | Severe | Severe |
| Hatboro | Hb, HcA | Silt loam - codorus complex, frequently flooded | Severe | Slight | Severe |
| Joppa | JpB, JpC | Gravelly sandy loam | Slight | Slight(2) | Slight |
| Kelly | KeB, KeC2, KfD | Silt loam very stony silt loam | Severe All Classification | Severe All Classification | Severe All Classification |
| Keyport | KpA, KpB | Silt loam | Moderate | Severe | Severe |
| Kinkora | KrA, KrB | Silt loam | Severe | Severe | Severe |
| Legore | LeB2 | Silt loam, very stony silt loam, silty clay | Slight | Slight | Slight |
| | LeC2, LgC3, LfC | | Slight | Slight | Moderate |
| | LeD2,LeE,LfD | | ----- | ----- | ----- |
| | Lfe,LgD3 | | Slight | Slight | Slight |
| Leonardtwn | Lr | Silt loam | Severe | Severe | Slight |

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|------------------------|-----------------------------------|---|---------------------------------|--------------------|---------------------|
| Manor Loam | MbB2, McC2, MbC2, MbC3 | Channery loam, very stony loam | Slight | Slight | Slight |
| | McC2, McC3, MbD2, MbD3 | | Slight | Slight | Moderate |
| | McD3, MdE | | Slight | Slight | Severe |
| Manor Soils | MfE | | Slight | Slight | Severe |
| Manor and Glenelg | MgC | Very stony loams | Slight | Slight | Slight to Moderate |
| | MgD | | Slight | Slight | Moderate |
| Matapeake | MkA, MkB | Silt loam | Slight | Slight to Moderate | Slight to Moderate |
| Mattapex | MlAa, MlAb | Silt loam, northern coastal plain | Moderate(1) | Severe | Severe |
| Montalto* | MsA, MsB2 | Silt loam | Slight | Severe | Severe |
| | MsC2 | | Slight | Severe | Severe |
| Neshaminy* | NeA, NeB2 | Silt loam | Slight | Moderate | Moderate |
| | NeC2 | | Slight | Moderate | Moderate |
| Neshaminy & Montalto | NsC, NsD, NsE | Very stony silt loams | Slight | Moderate | Severe |
| Othello | Ot | Silt loams | Severe | Severe | Severe |
| Russett | RuB, RuD, RuE (LY,B,C,D) replaced | Fine sandy loam, slopes loamy & clayey | Moderate | Moderate | Moderate |
| Sand and Gravel | Sa | Pits | Not Rated (Too Variable) | | |
| Sassafras | ShaB, ShaC, SIB2, SIC2, | Sandy loam, Northern Coastal Plain Sassafras loam | Slight | Slight | Slight |
| Sassafras & Joppa | SsD | Soils | Slight | Slight | Moderate |
| | SsE | | Slight | Slight | Severe |
| Stony & steep | St | Land, steep | Slight | Slight | Severe |
| Swamp | Sw | Swamp | Severe | Severe | Severe |
| Tidal Marsh | Tm | Tidal marsh | Severe | Variable | Severe |
| Water | W | Water | *** | *** | *** |
| Watchung & loam | WaA, WaB | Silt loam | Severe | Severe | Severe |
| Watchung & stony | WcB | Very stony silt loam | Severe | Severe | Severe |
| Whiteford & loam | WhB | Silt loam | Slight | Slight | Moderate |
| | WhC2 | | Slight | Slight | Moderate |
| Woodstown | WoaB | Loam, Northern Coastal Plain | Moderate | Slight | Moderate |